

AMENDMENTS TO THE SPECIFICATION

Please replace the following paragraph beginning on page 3, line 19 with the following:

--According to another aspect, the invention relates to a magneto-optical imaging device, for forming an image of a target material, this device comprising:

- an active material, comprising a substantially planar face, which is magnetic and suitable for producing a Faraday rotation in a polarized light beam,
- means for generating an exciting magnetic field with angular frequency ω in the active material and in the target material, when the imaging device is located close to this target material,
- a light source for directing a polarized incident light beam, through the active material, toward the target material when the imaging device is located close to this target material,
- photodetector means, for detecting a reflected beam corresponding to the reflection, after passage through the active material, of the incident beam on a reflecting surface,

characterized in that the Faraday rotation of the active material is substantially proportional to its magnetization when it is subjected to an interfering magnetic field produced in the target material, perpendicular to said face and varying in a minimum range extending between substantially -100 → Oersted and substantially +100 → Oersted --